WAGNER

Industrial Solutions

Experience fascinating surfaces

Legend

Liquid application

AL Suitable for Airless applications

AC Suitable for AirCoat applications

AS Suitable for Airspray applications

Protective coating

Metal coating

Wood coating

Plastic coating

CE Complies with CE directive

Ex Complies with ATEX directive

Products from WAGNER Industrial Solutions stand for maximum reliability, quality for your specific requirements.

Airless manual and automatic guns

WAGNER Airless guns excel in daily use thanks to their extreme robustness and their very efficient atomization quality for pressures up to 530 bar. The product spectrum extends from finishing manual guns to extremely robust corrosion protection guns and various automatic guns.

1. High Flexibility

The Airless guns are available as 270 bar and 530 bar versions. Three different nozzle types can be used for a wide range of applications.

2. Excellent flow characteristics

The return spring is located in the paint space. This ensures an unhindered material flow in the gun and excellent maintainability.

3. Perfect Handling

The integrated swivel joint and low trigger and holding forces make for fatigue-free handling.

4. Diverse processing options

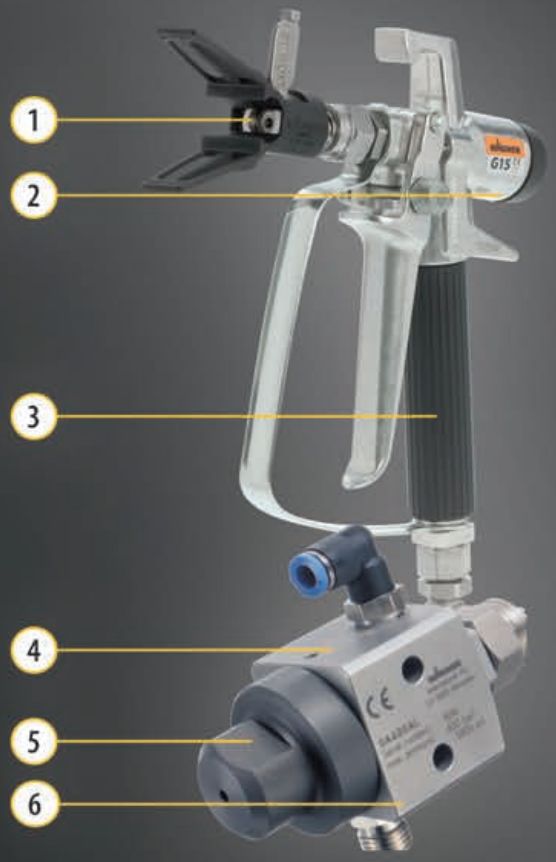
Using WAGNER Airless guns allows for high-viscosity and abrasive products to be sprayed just as easily as any other standard water or solvent-based product.

5. Process reliability

The high switching accuracy of the gun produces reproducible coating results every time and achieves excellent process reliability.

6. Long service life

All parts that come into contact with the material are made of stainless steel, ensuring a long service life and superior corrosion resistance.



AG 14

Airless manual gun

Airless manual gun for up to 270 bar for Airless finishing applications. With filter and swivel joint. Various nozzle attachments.

Technical data	
Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	270 bar, 3916 PSI
Fluid inlet	A – NPS 1/4“
Max. material temperature	43 °C, 109.4 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	590 g, 1.30 lb
Max. sound level	81 dB(A)
Length	125,0 mm, 4.9 in
Height	225 mm, 8.9 in

Processable materials

- Filler
- Corrosion protection
- Latex paints
- Mica paints
- Zinc dust colors
- Large surface coating

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- Nylon
- Urethane

Included items

- AG 14
- Operating manual
- CE Declaration of Conformity
- Material filter, red (200 ml)
- Nozzle holder

Ordering information

- Please order the desired nozzle which matches the nozzle holder.

Product variants	Item no.	Price	PH 2
Gun AG-14 for WagnerTip, NPS1/4“	257015	-	-
Gun AG-14 for StandardTip, NPS1/4“	257017	-	-
Gun AG-14 for ProfiTip NPS1/4“	2305433	-	-

G 15

Airless manual gun

Airless manual gun for heavy corrosion protection up to 530 bar with filter and swivel joint. Various nozzle attachments.

Technical data	
Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	530 bar, 7687 PSI
Fluid inlet	A – NPS 1/4“
Max. material temperature	43 °C, 109.4 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	600 g, 1.32 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

Processable materials

- Corrosion protection
- Fire retardant paints
- Zinc dust paints
- Water-based primer
- Solvent-based primer

Material wetted parts

- Stainless steel
- Aluminum
- PTFE
- Tungsten carbide

Included items

- G 15
- Operating manual
- CE Declaration of Conformity
- Filter, red (200 ml)

Product variants	Item no.	Price	PH 2
Airless gun G-15 for standard tip	347001	-	-
Airless gun G-15 for Wagner Tip	347011	-	-
Airless gun G-15 for Profi Tip HD	347012	-	-

G 15H

Airless manual gun

Airless manual gun for heavy corrosion protection. For heated material with insolated material connection.

Technical data	
Nozzle holder thread	F-Gewinde (11/16 - 16 UN/2A)
Max. material pressure	530 bar, 7687 PSI
Fluid inlet	A – NPS 1/4“
Max. material temperature	80 °C, 176.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	820 g, 1.81 lb
Max. sound level	85 dB(A)
Length	110,0 mm, 4.3 in
Height	225 mm, 8.9 in

Processable materials

- Corrosion protection
- Fire retardant paints
- Zinc dust paints
- Water-based primer
- Solvent-based primer

Material wetted parts

- Stainless steel
- Aluminum
- PTFE
- Tungsten carbide

Included items

- G 15H
- User manual
- CE declaration of conformity

Product variants	Item no.	Price	PH 2
Airless gun G-15H for standard tip	347021	-	-

GA 250AL

Airless automatic gun

Airless automatic gun for product pressures up to 250 bar.

Technical data	
Max. material pressure	250 bar, 3626 PSI
Fluid inlet	A – G 1/4“
Max. material temperature	60 °C, 140.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	545 g, 1.20 lb
Max. sound level	84 dB(A)
Length	104,0 mm, 4.1 in
Width	40 mm, 1.6 in
Height	40 mm, 1.6 in

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents
- Oils

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- PA
- Urethane

Included items

- GA 250AL
- CE declaration of conformity
- User manual

Product variants	Item no.	Price	PH 2
Spray gun GA250 AL	350033	-	-

GA 400AL

Airless automatic gun

Airless automatic gun for product pressures of up to 400 bar.

Technical data	
Max. material pressure	400 bar, 5802 PSI
Fluid inlet	A – G¼" 2x
Max. material temperature	60 °C, 140.0 °F
Ambient temperature	5, 40 °C, 41.0 – 104.0 °F
Weight	545 g, 1.20 lb
Max. sound level	84 dB(A)
Length	104,0 mm, 4.1 in
Width	40 mm, 1.6 in
Height	40 mm, 1.6 in

Processable materials

- Top coat paints
- Primers
- Corrosion protection
- Textured paints
- Stains
- Clear coats
- Water-based release agents
- Solvent-based release agents
- Oils

Material wetted parts

- Tungsten carbide
- Stainless steel
- UHMW-PE
- PA
- Urethane

Included items

- GA 400AL
- CE declaration of conformity
- User manual

Product variants	Item no.	Price	PH 2
Spray gun GA400 AL	350032	-	-

Airless manual and automatic gun accessories

Wagner offers a comprehensive accessories range for Airless manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	AG 14	G 15	G 15H	GA 250AL	GA 400AL			
Nozzle holder								
Contact guard assy.	●	●	●	●	●	335209	-	-
Wagner Tip „F“ retainer	●	●	●	●	●	1088001	-	-
Wagner Profi Tip „F“ reversing switch	●					1006001	-	-
Wagner Profi Tip HP „F“ reversing switch	●	●	●	●	●	1006003	-	-
Nozzles - flat jet								
Standard Nozzle (see nozzle chart)	●	●	●	●	●	90xxx	-	-
Wagner Tip (see nozzle chart)	●	●	●	●	●	1088xxx	-	-
Wagner Profi Tip HP (see nozzle chart)	●	●	●	●	●	1006xxx	-	-
Standard Nozzle plus (see nozzle chart)	●	●	●	●	●	323xxx	-	-
Nozzles - adjustable								
Adjustable fan tip 20	●					999053	-	-
Adjustable fan tip 28	●					999054	-	-
Adjustable fan tip 41	●					999055	-	-
Adjustable fan tip 49	●					999056	-	-
Adjustable fan tip 15	●					999057	-	-
Airless product hose								
HP-Hose-DN4-PN270-¼“NPS-7,5m-PA	●					9984573	-	-
Airless material hose								
HP-Hose-DN3-PN270-¼“NPS-7,5m-PA	●					9984583	-	-
HP-hose-DN4-PN270-1/4“NPSM-10m-PA	●					9984573-10	-	-
HP-Hose-DN4-PN270-¼“NPS-15,0m-PA	●					9984573-15	-	-
HP-Hose-DN4-PN270-¼“NPS-20,0m-PA	●					9984573-20	-	-
HP-Hose-DN6-PN530-¼“NPS-10,0m-PA		●	●			9984421	-	-
HP-Hose-DN6-PN530-¼“NPS-1,5m-PA		●	●			9987117	-	-
HP-Hose-DN10-PN530-3/8“NPS-15,0m-PA		●	●			9987118	-	-
Fitting-DF-MM-1/4NPSM-3/8NPSM-530bar-SSt		●	●			367561	-	-
Filters								
Insert filter white	●	●	●			34377	-	-
Insert filter red 180	●	●	●			34383	-	-
Insert filter yellow	●	●	●			43235	-	-
Insert filter green-30	●	●	●			89323	-	-
Inline filter insert red-180-10pcs	●	●	●			97022	-	-
Inline filter insert yellow-100-10pcs	●	●	●			97023	-	-
Inline filter insert white-50-10pcs	●	●	●			97024	-	-
Inline filter insert green-30-10pcs	●	●	●			97025	-	-

Airless manual and automatic gun accessories

Wagner offers a comprehensive accessories range for Airless manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

	AG 14	G 15	G 15H	GA 250AL	GA 400AL			
Nozzle extensions								
Tip ext. assy. 15cm	●					999320	-	-
Tip ext. assy.30cm	●					999321	-	-
Tip ext. assy. 45cm	●					999322	-	-
Tip ext. assy. 60cm	●					999323	-	-
Tip extension assy. 1m	●					96015	-	-
Tip extension assy. 2m	●					96016	-	-
Tip extension assy.3m	●					96017	-	-
Mounting accessories								
Holder D14 GA250AL, GA400AL				●	●	350480	-	-
Holding device D16 GA250AL, GA400AL				●	●	350497	-	-
Holder turnable				●	●	380942	-	-
Part-turn valve actuator assy.				●	●	380943	-	-
Gun flush box								
GFB for AG14	●					377167	-	-
GFB for AG09, G08, G12, G15		●	●			377165	-	-

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Standard Tip

Part-No. 90xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 90411

Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407	507			
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
39								839
43		243			543			
52					552			
	51 (2.0)	**104** (4.0)	**152** (6.0)	**203** (8.0)	**254** (10.0)	**305** (12.0)	**356** (14.0)	**406** (16.0)
	Average spray width (inch)**							

Material filter (in mesh)
200
100
50
30

Bore	Material flow*
inch (mm)	**l/min** (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
0.025 (0.64)	1.92 (0.507)
0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.039 (0.99)	4.31 (1.139)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s*

*** *Average spray width may vary*

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Standard Tip *plus*

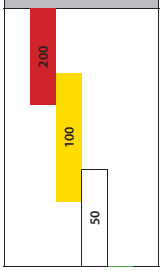
Part-No. 323xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 410 nozzle use the part no.: 323410

Size	Spray angle				
	20°	30°	40°	50°	60°
10	210	310	410	510	
12	212	312	412		612
14	214	314	414	514	614
16	216	316	416	516	616
18		318	418	518	618
20		320	420		620
22			422		622
24			424		624

104 (4,00)	152 (6,00)	203 (8,00)	254 (10,00)	305 (12,00)
Average spray width (inch)**				

Material filter (in mesh)



Bore	Material flow*
inch (mm)	**l/min** (gal/min)
0,001 (0,25)	0,28 (0,074)
0,012 (0,30)	0,39 (0,104)
0,014 (0,36)	0,55 (0,145)
0,016 (0,41)	0,69 (0,183)
0,018 (0,46)	0,87 (0,230)
0,020 (0,51)	0,11 (0,028)
0,022 (0,56)	0,13 (0,034)
0,024 (0,61)	0,15 (0,040)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s*

*** *Average spray width may vary*

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Wagner Tip

Part-No. 1088xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1088411

Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			
	51 (2.0)	**104** (4.0)	**152** (6.0)	**203** (8.0)	**254** (10.0)	**305** (12.0)	**356** (14.0)	**406** (16.0)
	Average spray width (inch)**							

Material filter (in mesh)
200
100
50
30

Bore	Material flow*
inch (mm)	**l/min** (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
0.025 (0.64)	1.92 (0.507)
0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s*

*** *Average spray width may vary*

Airless manual and automatic gun accessories

WAGNER offers a comprehensive accessories range for AirCoat manual and automatic guns. Please select the components you require from this table. Further articles can be found in the WAGNER accessories catalog.

● Are compatible to each other

Nozzle Chart | Wagner Profi Tip HD

Part-No. 1006xxx

To identify the part number of a nozzle, please use the number in the chart and replace the xxx. Example: to order a 411 nozzle use the part no.: 1006411

Size	Spray angle							
	10°	20°	30°	40°	50°	60°	70°	80°
07***				407				
09***		209	309	409	509	609		
11	111	211	311	411	511	611		
13	113	213	313	413	513	613		813
15	115	215	315	415	515	615	715	815
17		217	317	417	517	617	717	
19		219	319	419	519	619	719	819
21		221		421	521	621		821
23		223		423	523	623	723	823
25		225		425	525	625		825
27		227		427	527	627		827
29						629		
31		231		431	531	631		
33				433				
35		235		435	535	635		
43		243			543			
52					552			

51 (2.0)	104 (4.0)	152 (6.0)	203 (8.0)	254 (10.0)	305 (12.0)	356 (14.0)	406 (16.0)
Average spray width (inch)**							

Material filter (in mesh)
200
100
50
30

Bore	Material flow*
inch (mm)	**l/min** (gal/min)
0.007 (0.18)	0.23 (0.061)
0.009 (0.23)	0.26 (0.069)
0.011 (0.28)	0.38 (0.100)
0.013 (0.33)	0.55 (0.145)
0.015 (0.38)	0.75 (0.198)
0.017 (0.43)	0.96 (0.254)
0.019 (0.48)	1.20 (0.317)
0.021 (0.53)	1.45 (0.383)
0.023 (0.58)	1.62 (0.428)
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0.027 (0.69)	2.25 (0.594)
0.029 (0.75)	2.57 (0.679)
0.031 (0.79)	2.95 (0.779)
0.033 (0.83)	3.35 (0.885)
0.035 (0.90)	3.80 (1.004)
0.043 (1.10)	5.89 (1.556)
0.052 (1.30)	6.14 (1.622)

* *Measured with water at 100 bar*

** *Measured with 110 bar (1595 psi), 30 cm (11.81 inch) distance, lacquer 56DIN-4s*

*** *Average spray width may vary*